

Pavement Condition



Road roughness quality is measured using the International Roughness Index (IRI).



The IRI is defined as a numerical value that is an accumulation of the inches of vertical movement of a vehicle. It is a measurement of the “bumpiness” of the road. SHA measures IRI at a 2/10ths of a mile interval.



Low values (0-94) indicate a very smooth riding quality, while higher values, (above 220), indicate a rougher riding road.

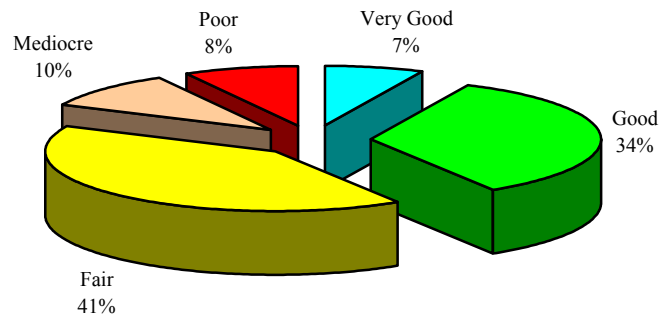


The range of IRI for each category is based on limits set by the Federal Highway Administration (FHWA) for its Highway Performance Monitoring System.

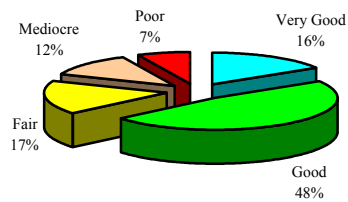
1999 Pavement Conditions Distribution

Based on IRI

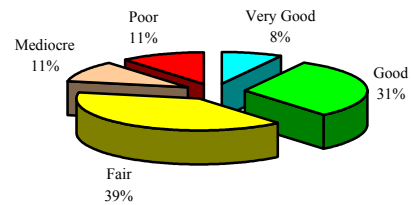
All SHA Roads



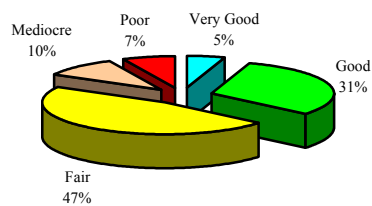
Interstates



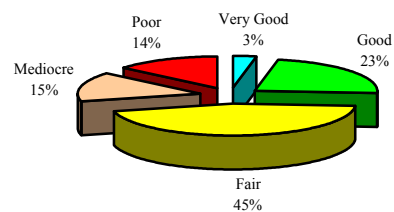
Arterials



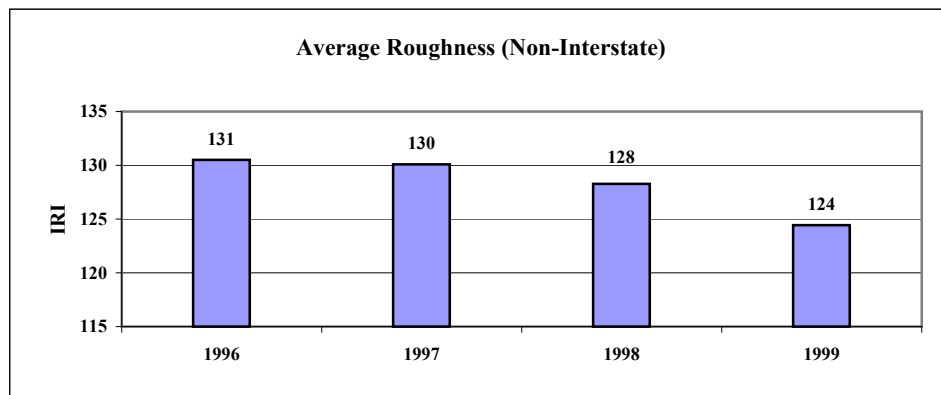
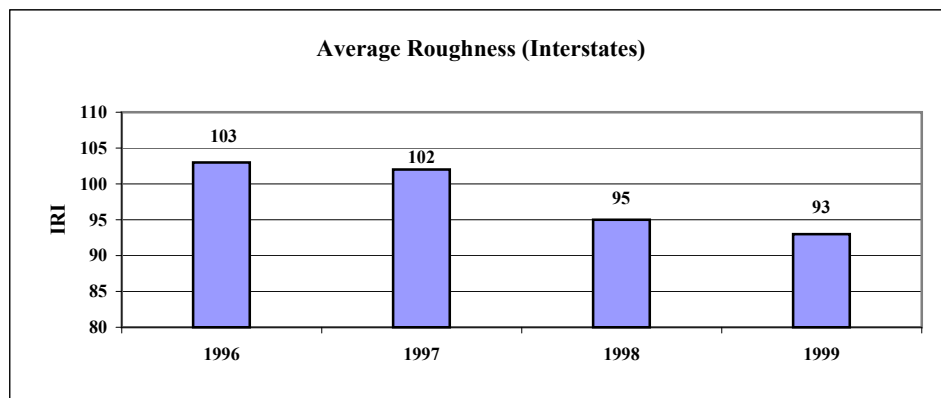
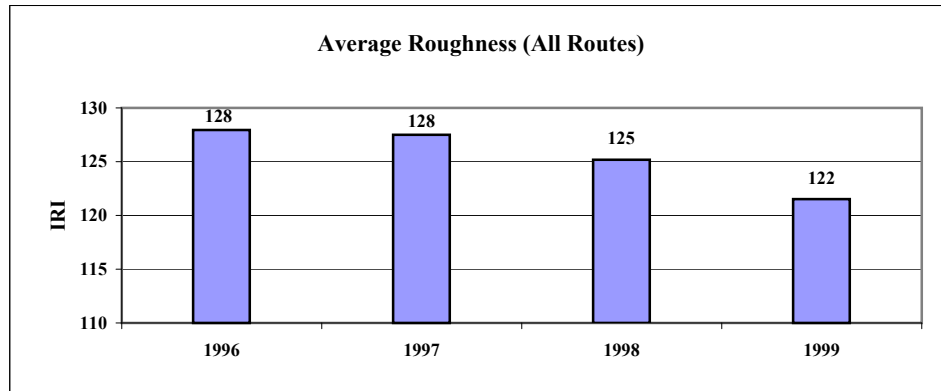
Collectors



Locals



Pavement Condition



Condition	IRI-Interstates	IRI-Other Routes
Very Good	0 - 60	0 - 60
Good	61 - 94	61 - 94
Fair	95 - 119	95 - 170
Mediocre	120 - 170	171 - 220
Poor	> 170	> 220